

## SECTION I -PRODUCT AND PREPARATION INFORMATION 2A500

**Trade Name: IKO Mod-Bit Primer**  
**Manufacturer/ Supplier: IKO Industries Ltd**  
87 Orenda Rd  
Brampton, Ont. L6W 1V7  
WHMIS Class: B,D-2  
P.I.N. # UN1133

## SECTION II -HAZARDOUS INGREDIENTS

INGREDIENT	CAS NO.	%	LD50s and LC50s Route and Species	Exposure Limit
Hexane	110-54-3	20-25	LD50 (oral-rat) > 28710 mg/ kg	50 ppm (ACGIH)
Toluene	108-88-3	40-45	LD50 (dermal-rabbit) 12400 mg/kg LD50 (oral-rat) 636 mg/kg LC50 (inhl-rat) 8000 mg/m^3 (4 hours)	300 ppm (ceiling) STEL (OSHA PEL) 50 ppm (skin) (ACGIH TLV) 200 ppm (skin) TWA (OSHA PEL) Immediately Dangerous to Life and Health( IDLH) 500 ppm
Stoddard Solvent	8052-41-3	10%	LC50 (inhl-rat) NA LD50 (oral-rat) NA	500 ppm TWA (OSHA PEL) 100 ppm TWA (ACGIH TLV)
Asphalt (as fume)	8052-42-4	25	LC50(inhl-rat) NA LD50 (oral-rat) NA	0.5 mg/m^3 TWA (ACGIH TLV)
Mixture of severely hydrotreated and hydrocracked base oil	mixture	1-5%	LD50 (dermal-rabbit) NA LD50 (oral-rat) NA	5 mg/m^3 (oil mist) TLD-TWA 8h (ACGIH) 10 mg/m^3 (oil mist) STEL (ACGIH)

## SECTION III -PHYSICAL DATA

ODOUR AND APPEARANCE		ODOUR TRESHOLD		PERCENT NON-VOLATILE BY WEIGHT		EVAPORATION RATE					
VAPOUR PRESSURE (mmHg )											
Black liquid with strong solvent odour		No value available		35%		2-6 > 120 @ 20C (hexane)					
BOILING POINT		pH VALUE		FREEZING POINT		DENSITY (Kg/l)		VAPOUR DENSITY (Air = 1)		VOC STATEMENT	
(g/L)											
63–70C		Not Applicable		Not Applicable		0.85		2.8-3.1		545	

## SECTION IV -FIRE AND EXPLOSION HAZARDS

TDG FLAMMABILITY CLASSIFICATION / FLASHPOINT	HAZARDOUS COMBUSTION PRODUCTS
Class 3, PG II -18C PMCC	WHEN FORCED TO BURN THIS PRODUCT GIVES OUT OXIDES OF CARBON AND OTHER IRRITATING GASES
	EXTINGUISHING MEDIA
	Foam, dry chemical, carbon dioxide or any class B extinguishing agent

## WARNING

FLAMMABLE LIQUID HOT PRODUCTS CAN RELEASE HYDROGEN SULFIDE GAS HOT PRODUCTS CAN CAUSE BURNS TOXIC -HARMFUL BY INHALATION

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Vapours may ignite explosively. Vapours may spread long distances. Prevent build-up of vapours. Extinguish all pilot lights and turn off heaters, non-explosion-proof electrical equipment and all other sources of ignition. Keep away from and do not store or use near heat, sparks or flames caused by such sources as electricity, static discharge, welding, grinding or flame cutting operation. Ground all equipment. Use spark-proof tools and conductive shoes to avoid sparking hazards.

## SPECIAL FIREFIGHTING PROCEDURES

Exposure to vapours or products of combustion should be avoided. Self-contained breathing apparatus is recommended. Vapours may form an explosive mixture with air. Closed containers may rupture when exposed to extreme heat.

## SECTION V -HEALTH HAZARD DATA: TOXICOLOGICAL PROPERTIES AND FIRST AID MEASURES

## ACUTE EFFECTS OF OVEREXPOSURE EMERGENCY AND FIRST AID PROCEDUES

INHALATION: Excessive exposure to vapours or spray mists can result in headache, dizziness, incoordination and loss of consciousness. Irritation of the eyes, nose, throat and lungs can also occur when exposed to high vapour concentrations. Some reports have associated repeated and prolonged occupational overexposure to solvents with permanent nervous system damage. Toluene IDLH = 500 ppm EYE CONTACT: This material can cause eye irritation. The effects are usually reversible. SKIN CONTACT: This material may cause defatting and irritation of skin (Dermatitis) upon prolonged or repeated contact. INGESTION: Swallowing can cause nausea, vomiting, diarrhea and loss of consciousness. INHALATION: Remove victim to fresh air. Restore breathing. Treat symptomatically. Consult a physician. SPLASH (EYES): Flush immediately with large amounts of water for at least 15 minutes. Take to a physician for medical treatment. SPLASH (SKIN): Wash affected areas with soap and water. Remove contaminated clothing. INGESTION: Drink 1 or 2 glasses of water to dilute. **DO NOT INDUCE VOMITING.** Consult a physician or Poison Control center immediately. Treat symptomatically.

## MATERIAL SAFETY

## DATA SHEET

Use in case of an emergency only (613) 996-6666

2A500

CHRONIC EFFECTS OF OVEREXPOSURE	CARCINOGENECITY	FETOTOXICITY/TERATOGENECITY/MUTAGENECITY	IRRITANT	SENSITIZER
Prolonged or repeated contact with skin will cause irritation, defatting, dermatitis. Vapours may cause Respiratory Tract Irritation	No additional comment available	Toluene may cause teratogenic/embryotoxic effects based on studies of laboratory animals	YES: Skin, Eye and Respiratory Tract	YES: Skin
<b>WARNING:</b> This product may contain oxidized bitumens. The International Agency for Research on Cancer (the "IARC") issued a statement that "occupational exposure to oxidized bitumens and their emissions during roofing operations are probably carcinogenic to humans." This warning may be updated at such time as a final determination is made and IARC has published its monograph on the matter.				
<b>SECTION VI -REACTIVITY DATA</b>				
<b>STABILITY:</b>			<b>HAZARDOUS POLYMERIZATIONS:</b>	
Stable			Will not occur	
<b>INCOMPATIBILITY: (Materials to avoid)</b>			<b>CONDITIONS TO AVOID:</b>	
Oxidizing compounds			Vapour concentrations Ignition sources	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>				
Oxides of Carbon				
<b>SECTION VII -SPILL OR LEAK PROCEDURES</b>				
<b>STEPS TO BE TAKEN in case material is Released or Spilled</b>			<b>WASTE DISPOSAL METHOD</b>	
Restrict access to area. Remove all sources of ignition. Ventilate area. Absorb spill with an absorbent material such as vermiculite or sand and place material into a closed container. If a large spill, dike area to prevent this material from entering water systems or sewers. Wear protective equipment during cleanup.			Dispose of this material in accordance with Federal, Provincial, and Municipal regulations.	
<b>SECTION VIII -SPECIAL PROTECTION INFORMATION</b>				
<b>PERSONAL PROTECTION EQUIPMENT</b>				
<b>PROTECTIVE GLOVES:</b>			<b>EYE PROTECTION:</b>	
Chemical resistant gloves made of Viton should be used. Gloves made of nitrile; neoprene or rubber may be used for exposure of short duration.			Chemical safety goggles should be worn to prevent eye contact. A face shield may also be necessary.	
			<b>OTHER PROTECTIVE EQUIPMENT:</b>	
<b>RESPIRATORY PROTECTION:</b>			Eye wash fountain and safety showers must be available in areas where this material is used. Wear protective clothing to prevent skin contact.	
An organic vapour cartridge respiratory mask shall be worn to prevent the inhalation of vapours or spray mist when exposure guideline is exceeded. If respiratory protection is required, institute a complete respiratory protection program.			<b>ENGINEERING CONTROLS -VENTILATION:</b>	
			General (dilution) ventilation is required during normal use. Local exhaust ventilation may be required during certain operations to keep exposure level below the limit listed in Section II of this data sheet. Contains extremely flammable solvents. Take suitable fire precaution.	
<b>SECTION IX -SPECIAL PRECAUTIONS</b>				
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b>				<b>OTHER PRECAUTIONS</b>
<p>STORAGE: Keep storage area separate from populated work areas. Store in a cool, dry, well ventilated area, out of direct sunlight and away from incompatible materials and any source of ignition. Ventilation fans and electrical equipment should be non-sparking. HANDLING: Avoid prolonged or repeated inhalation of vapours or spray mist. Avoid prolonged or repeated skin contact. Ground and bond equipment and container to prevent a static charge build-up. ATTENTION: Emptied containers may retain hazardous residue and explosive vapours. Keep away from heat, sparks and flames. Do not cut puncture or weld near this container. Follow label warning until container is thoroughly cleaned or destroyed.</p> <p>Prepared by: HSE Department August 15, 2015</p> <p>The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with the Company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.</p>				